

FIG. 1

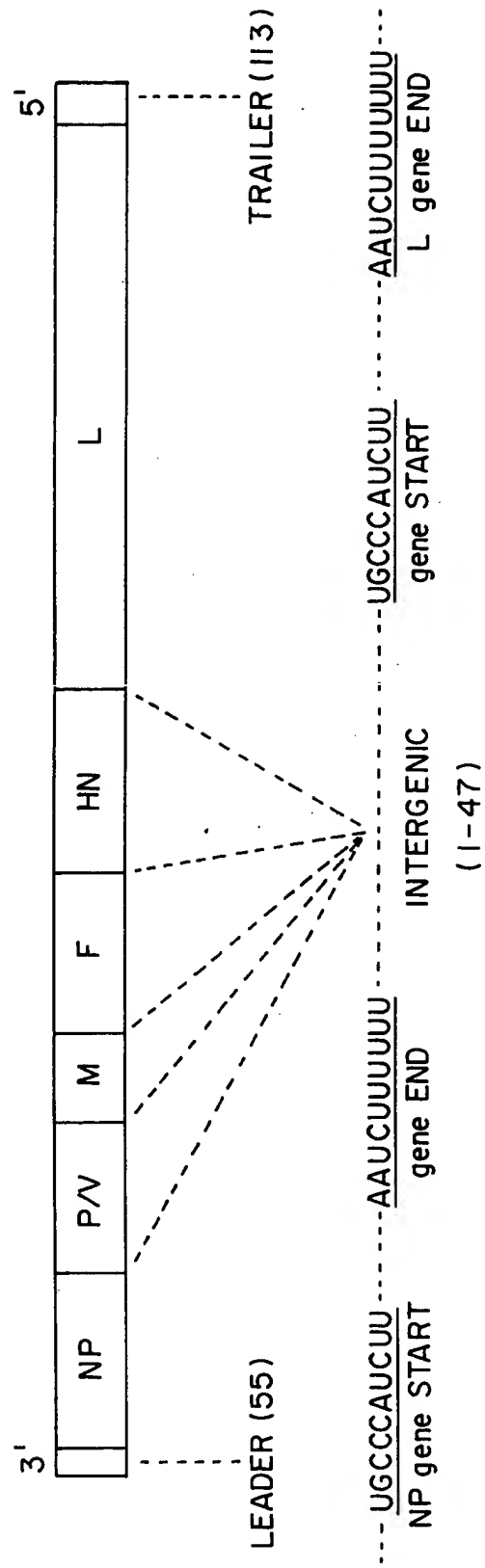
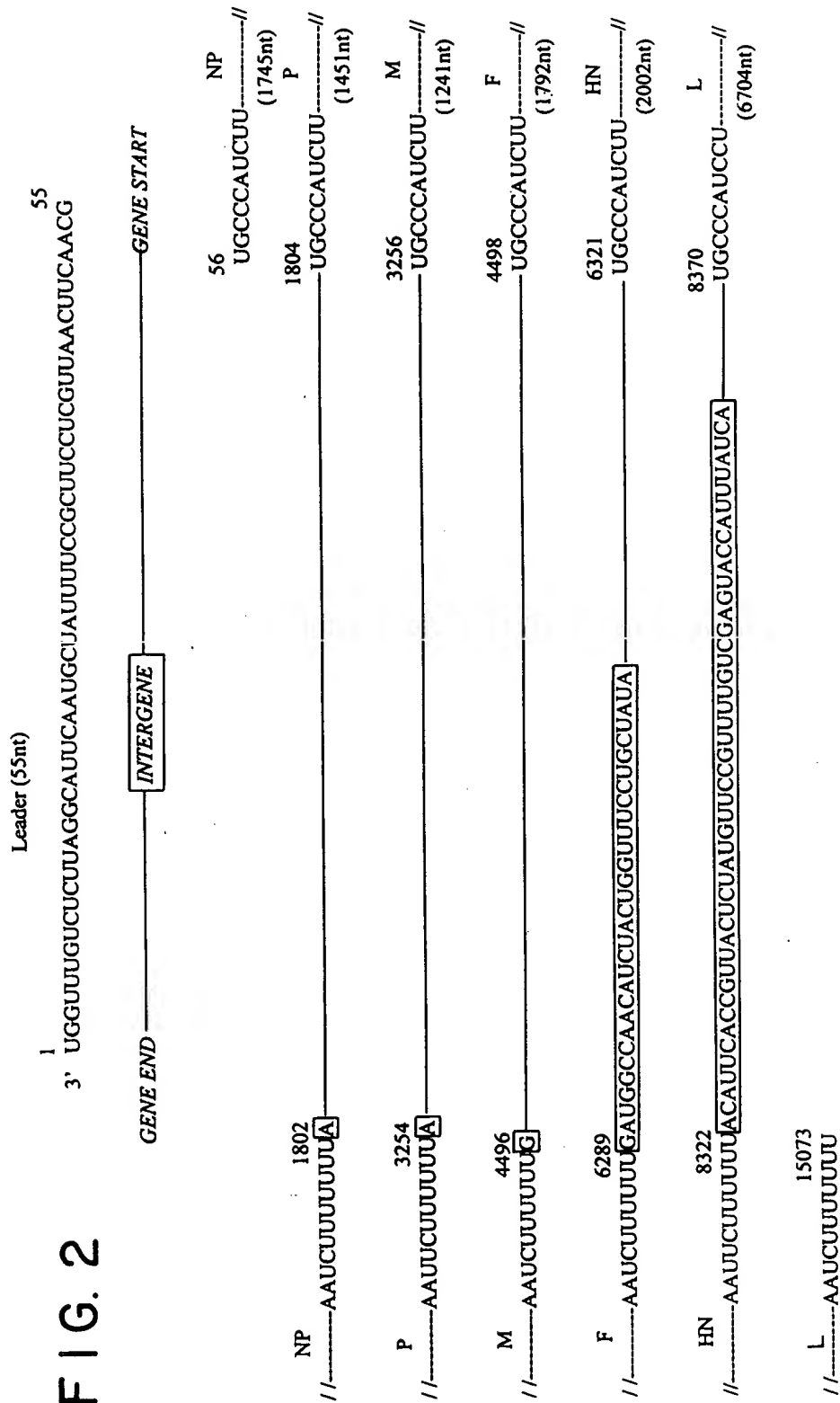


FIG. 2



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Trailer: (113nt)

15074 AACUUGAGGCUGAGGAAUCUAGAGCUUAAGCUUGAGUUUAUUACAGAAUUUUUCC

15186 AACGCGUGUUAAUAGAAACUCACUACAGAACAAUAAGUGGUUUUAGAAACAAACCA 5'

FIG. 3(a)

D26 Leader 3' UGGUUUGUCUCUAGACAUCCAUGCUAUUUUCCGCUUCCUCGUUAGCUUUCAGCAUGCCCAUCUU⁵⁵

 Beaudette C Leader 3' UGGUUUGUCUCUAGGCAUUCAAUGCUAUUUUCCGCUUCCUCGUUAACTUCAAACGUGCCCAUCUU

 B1 Leader 3' UGGUUUGUCUCUAGGCACUCAAUGCUAUUUUCCGCUUCCUCGUUAACTUCAGCGUGCCCAUCUU

NP Gene Start

FIG. 3(b)

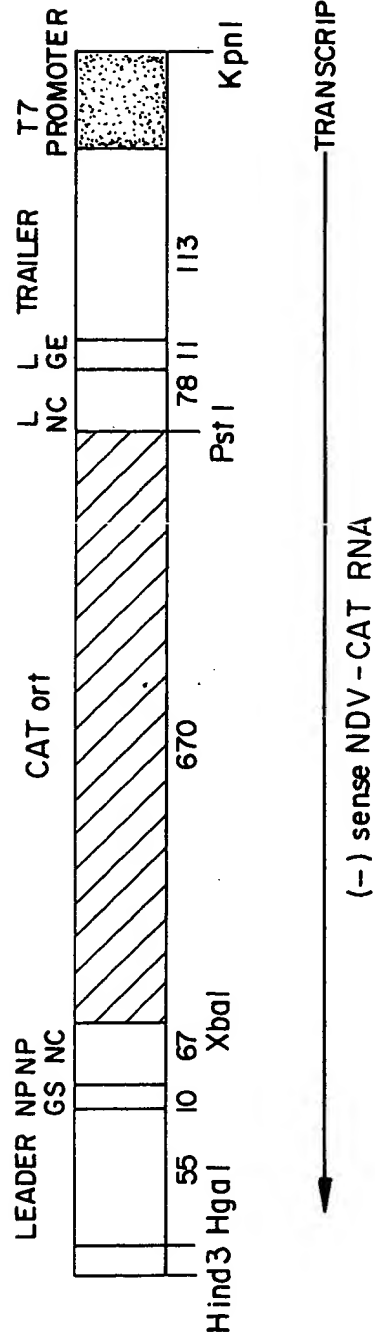
Beaudette C Trailer 3' AACTUGAGGCUGAGGAAUCUAGAGCUUAGCUUGAGUUUAUUUACAGAAUUUUUUUC⁵⁸

 B1 Trailer 3' CAACUCGAGACUGAGGAAUCCUGAGCUUAAGCUUGAGUUUAUUUACAGAAUUUUUUUC

 Beaudette C Trailer⁵⁹ CAACGCGUGUUAAUAAGAAACUCACAUCAAGAAUAAAGUGGUUUUAGAAACAAACCA 5' 113

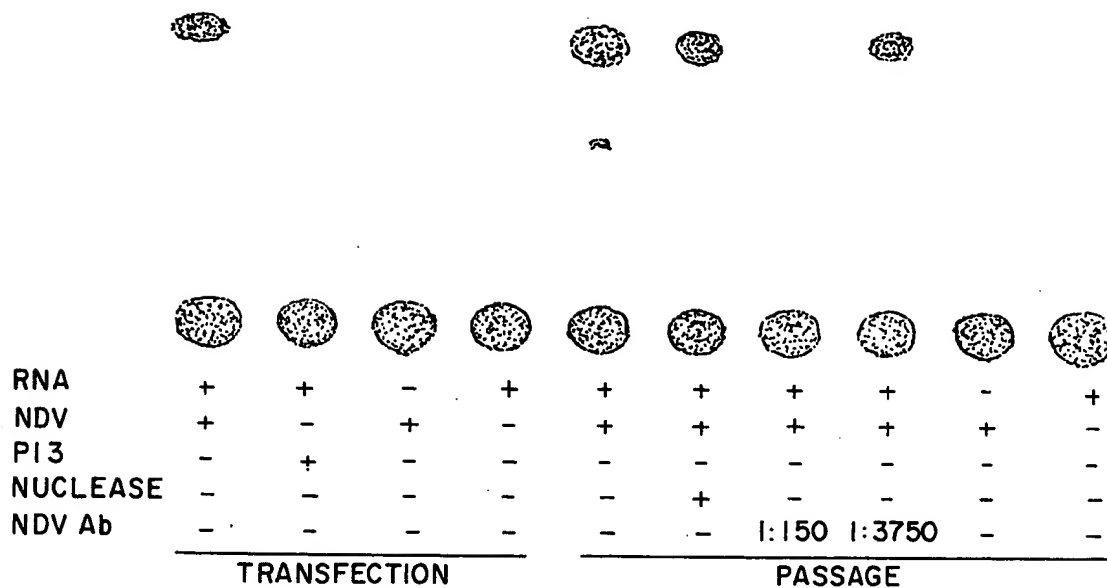
 B1 Trailer CAACGCGUGUUAAUAAGAAACUCACAUCAAGAGCAGUAAGUGGUUUUAGAAACAAACCA 5' 114

FIG. 4

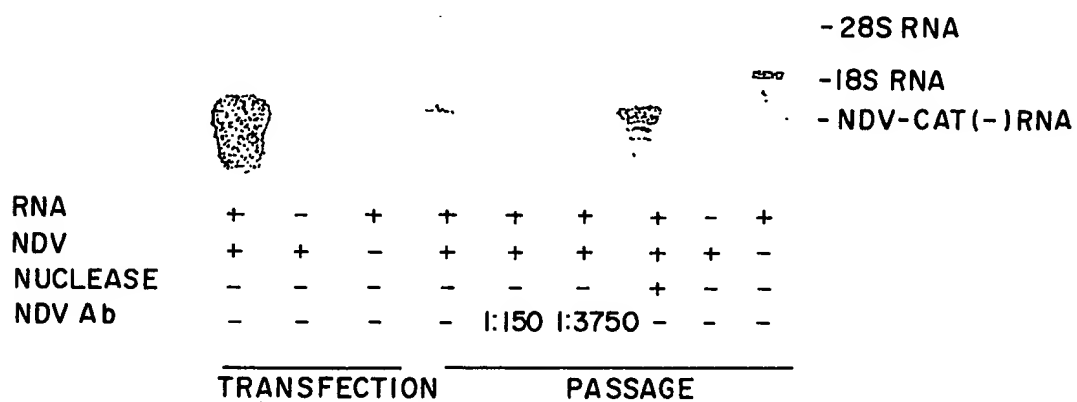


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FIG. 5 A



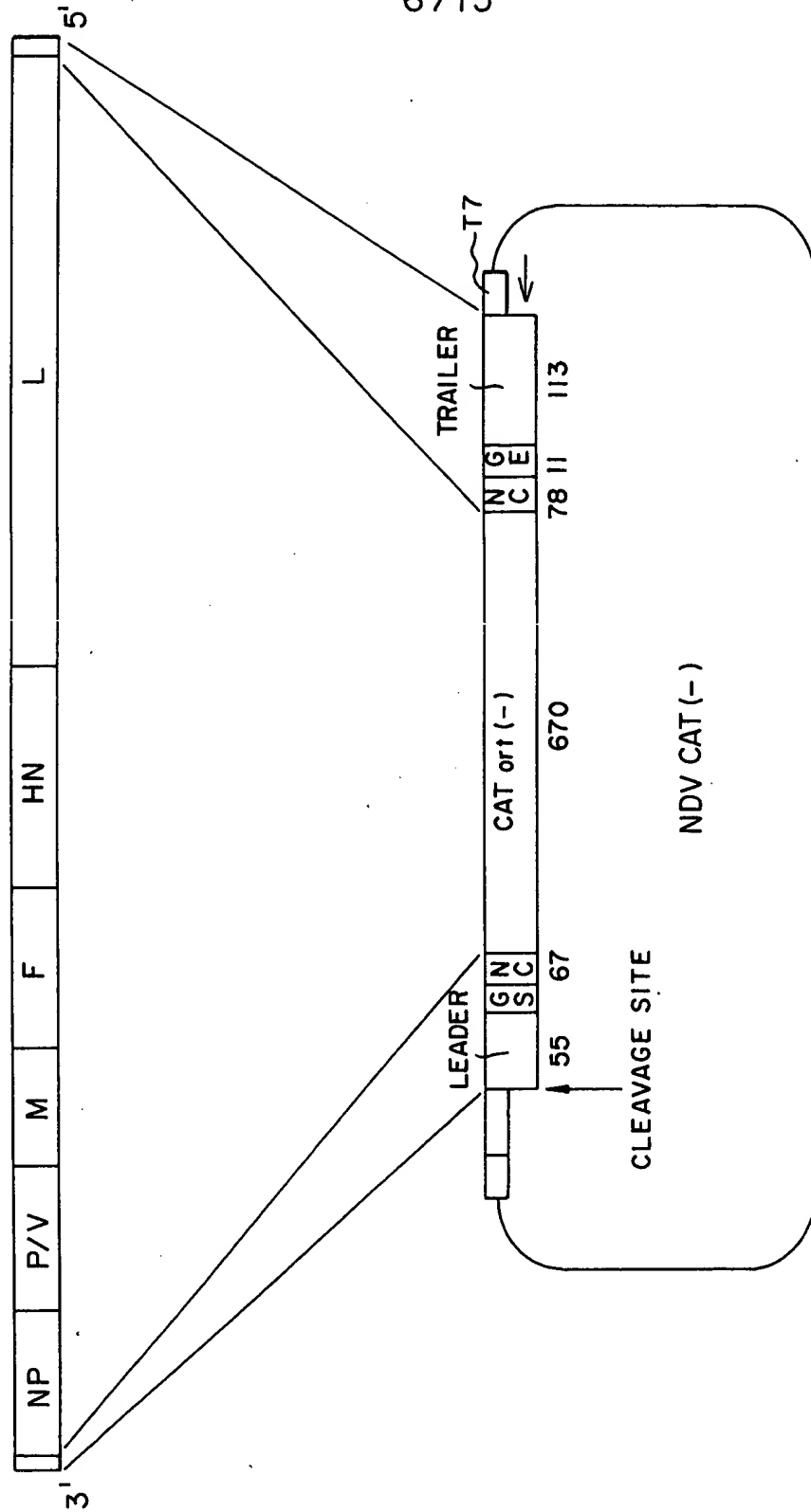
DEMONSTRATION OF NDV MINIGENOME TRANSCRIPTION
BY CAT ACTIVITY



DEMONSTRATION OF NDV MINIGENOME REPLICATION BY
NORTHERN HYBRIDIZATION.


FIG. 5 B

FIG. 6



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FIG. 7






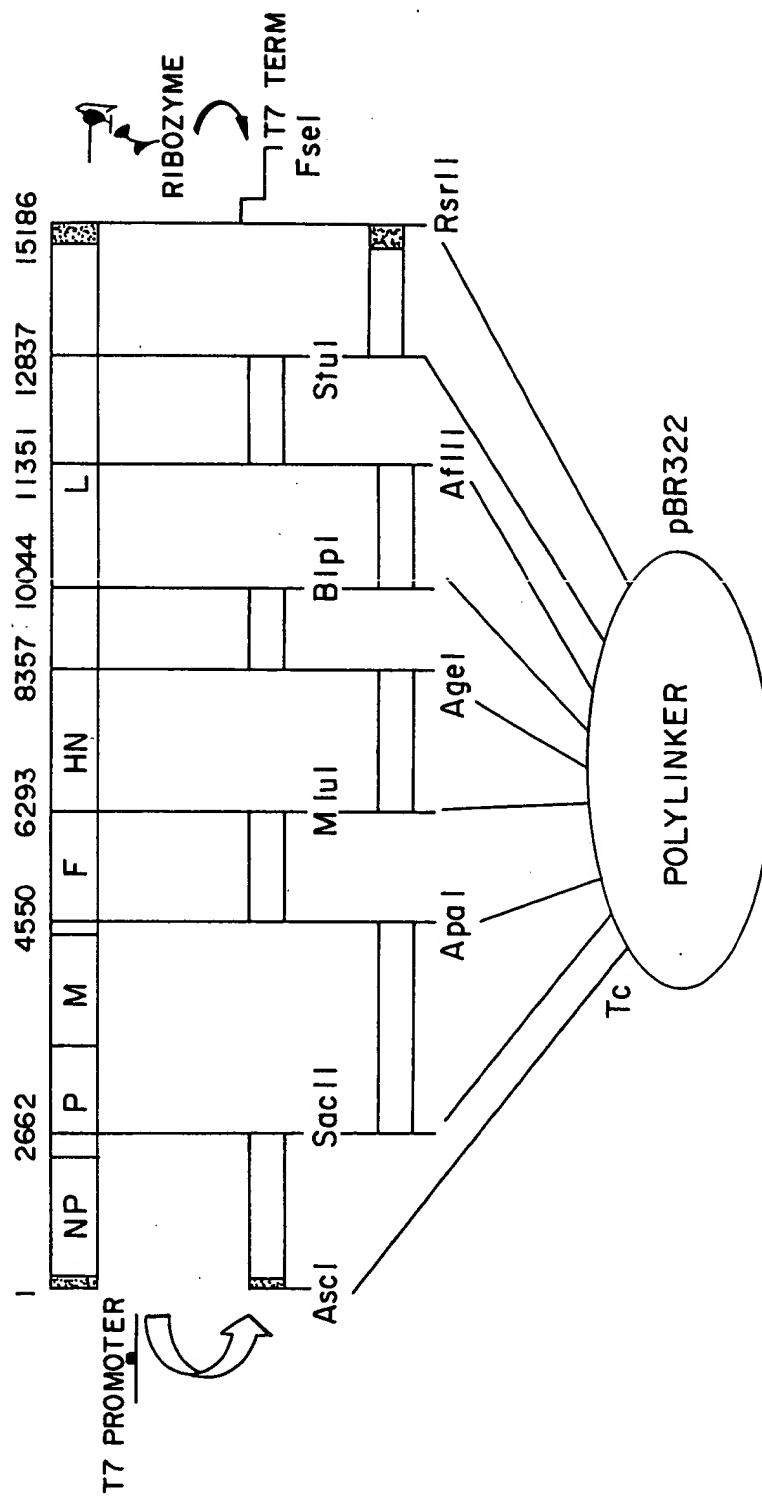
				
NP	-	+	-	+
P	-	+	-	+
L	-	+	-	+
NDV-CAT(-)	-	-	+	+
VTF7-3	+	+	+	+

FIG. 8



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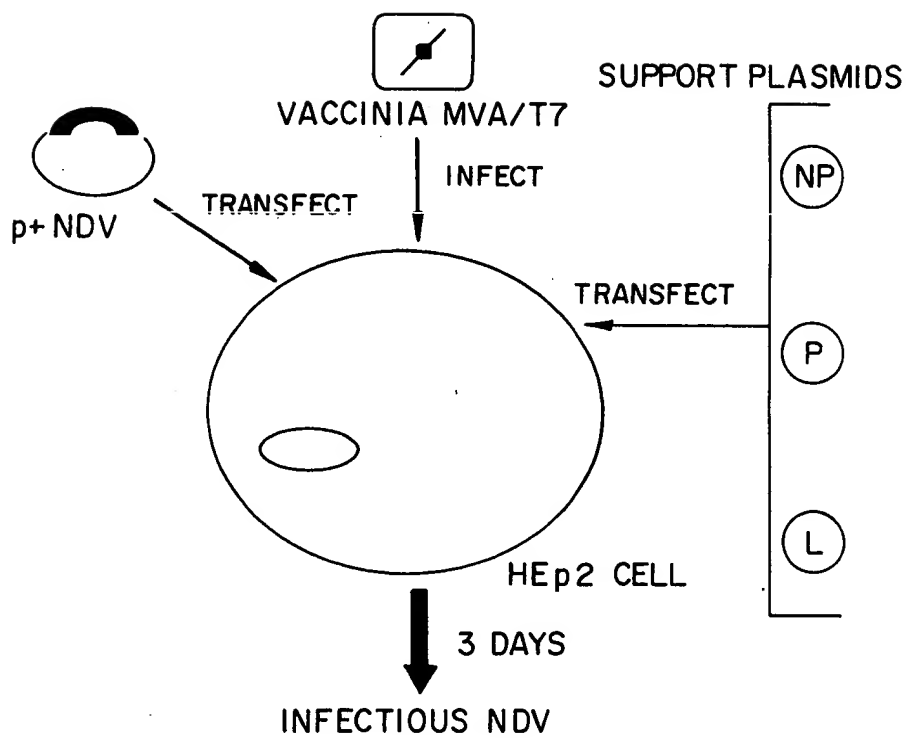


FIG. 9

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FIG. 10A

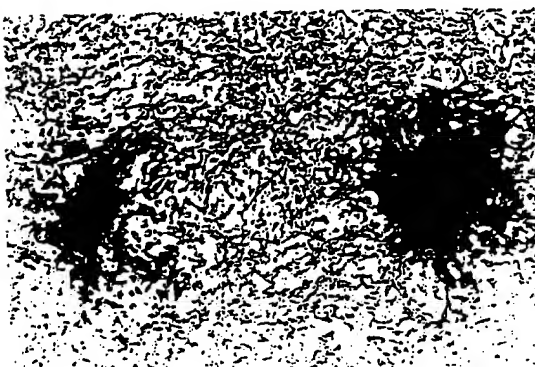
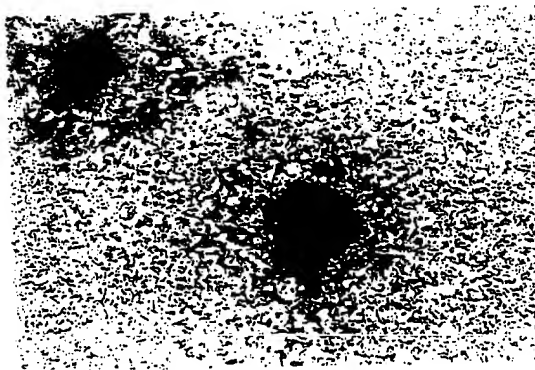


FIG. 10B

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FIG. 11

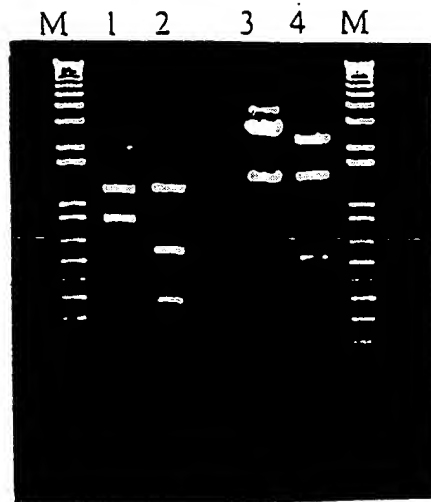
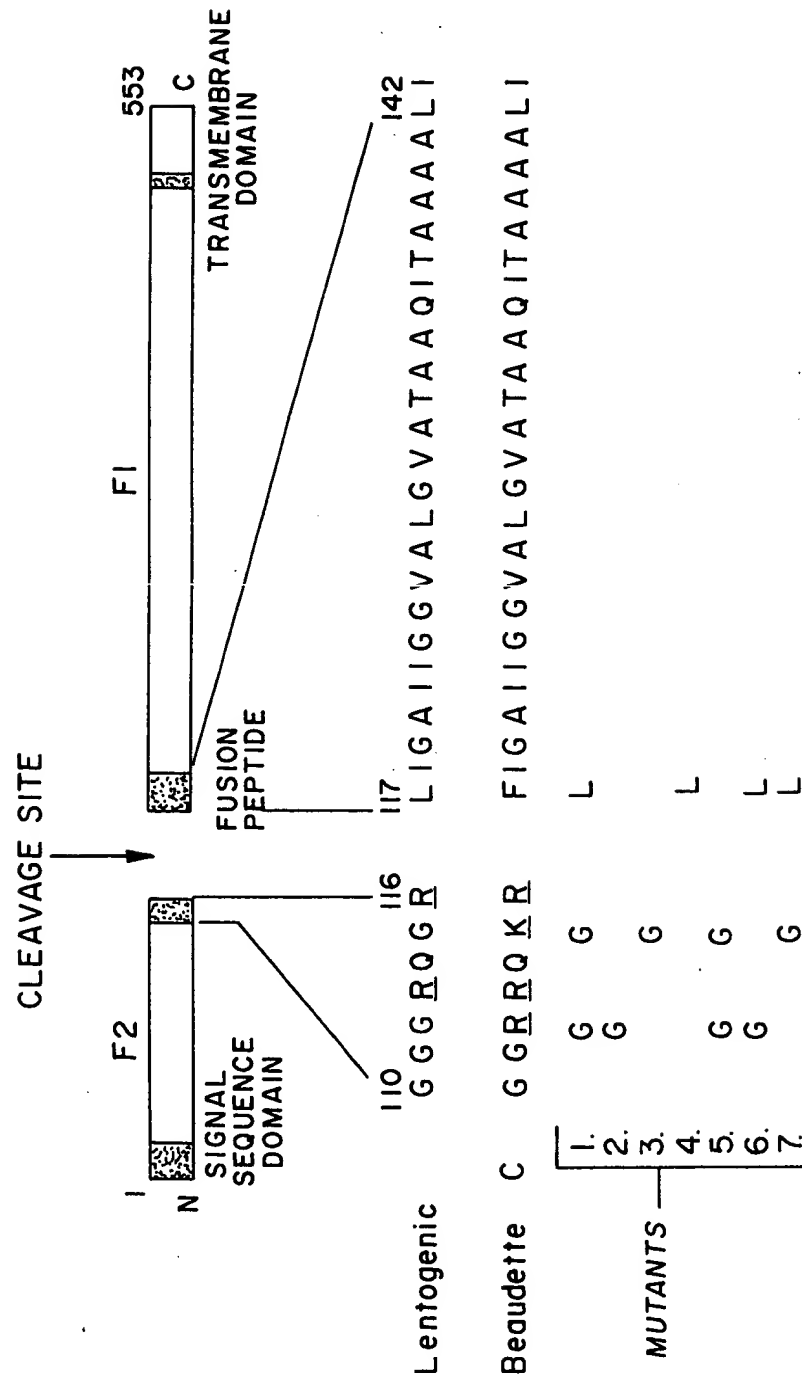


FIG. 15



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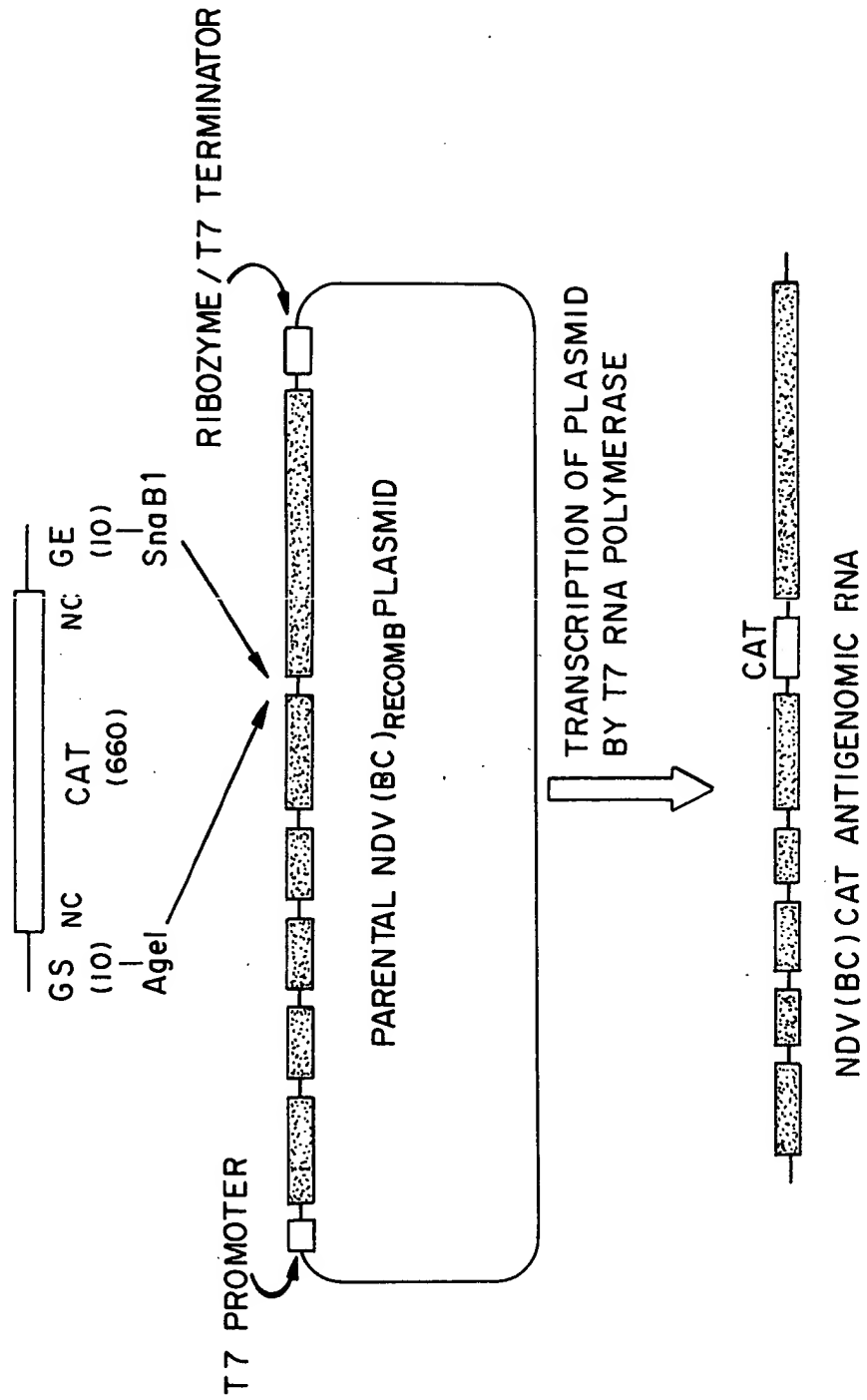
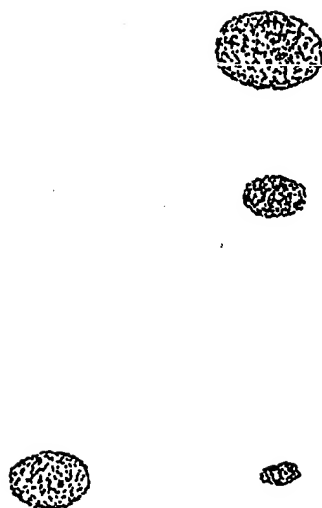


FIG. 13

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FIG. 14



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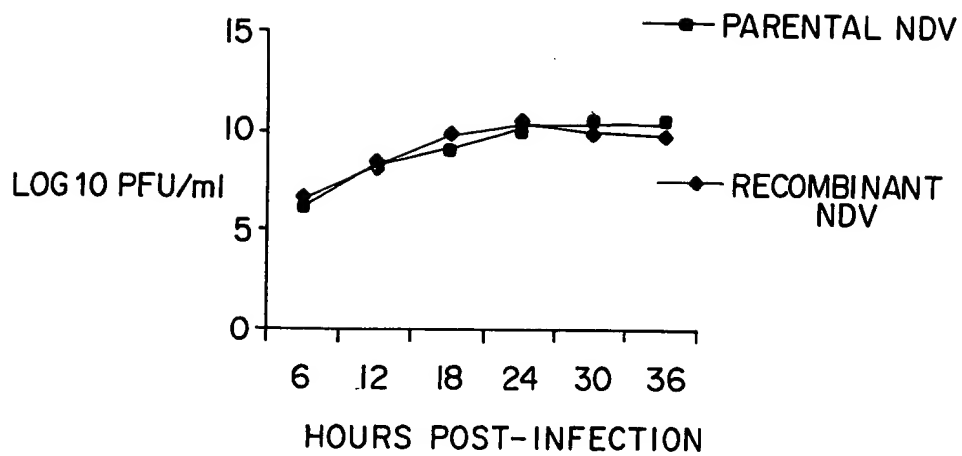


FIG. 16

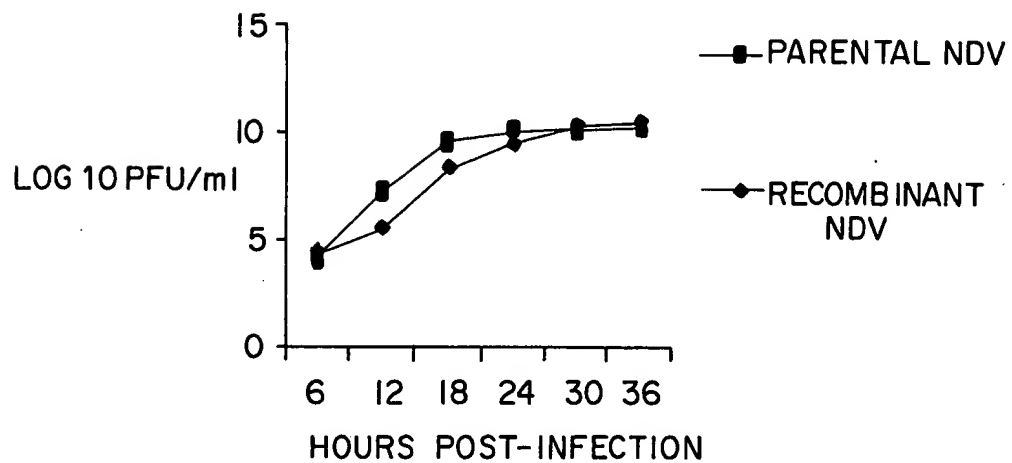


FIG. 17